

SE-8000 Single Output Power Series Parameters

Electrical Specifications

Model		SE-8000-12	SE-8000-15	SE-8000-24	SE-8000-27	SE-8000-30
OUTPUT	DC voltage	12V	15V	24V	27V	30V
	Current Rating	630A	533A	333A	296A	266A
	Current Range	0 ~630A	0 ~533A	0 ~333A	0 ~296A	0 ~266A
	rated power	8000W	8000W	8000W	8000W	8000W
	Ripple and Noise	400mVp-p	400mVp-p	400mVp-p	400mVp-p	400mVp-p
	Voltage adjustment range	ADJ-10%~+3%	ADJ-10%~+3%	ADJ-10%~+3%	ADJ-10%~+3%	ADJ-10%~+3%
	Voltage Accuracy	± 1.0%	± 1.0%	± 1.0%	± 1.0%	± 1.0%
	Line Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Load Regulation	± 0.5%	± 0.5%	± 0.5%	± 0.5%	± 0.5%
	Start, the rise time	1000ms, 80ms（Full）				
	Hold Time (Typ.)	10ms（Full）				
INPUT	Voltage Range	Single- phase 110V, 220V AC; or three- phase 200V, 380V, 440V AC (terminals L1/L2/L3). Note: Each unit can only be manufactured/configured with one selected voltage specification.或 280 ~ 380VDC				
	Frequency Range	47 ~ 63Hz				
	Power Factor (Typ.)	0.75/230V（Full）				
	Efficiency (Typ.)	86%	87%	87%	88%	88%
	Alternating current (Typ.)	64A/230VAC 14A/380VAC				
	Inrush current (Typ.)	Soft Start 200A/230VAC				
	Leakage current	<3.5mA / 240VAC				
protection	Overload	Rated output 100 ~ 105%				
		Users can continuously adjustable constant current output signal via analog voltage or over-current protection current constant voltage linearly decreased to zero				
	Overvoltage	Close Protection Type Output Output voltage after the restart recovery				
	Over temperature	80℃±5℃ Detection on power transistor radiators			105℃±5℃ Detection on power transistor radiators	
		Output voltage temperature shutdown protection type automatic recovery after fall				
Features	Remote Switch					
	Auxiliary power	13.8V 0.5A The controller can be used for power supply				
	Output voltage control	Output voltage: can be continuously adjusted from 0% to 100% of the rated maximum output current via a 0-5V analog signal, MCU, PLC, PWM, or adjustable resistor.				
	Output current control	Output current: can be continuously adjusted from 0% to 105% of the rated maximum output current via a 1-5V analog signal, MCU, PLC, PWM, or adjustable resistor.				
	Parallel Current					
surrounding	Operating temperature	-20 ~ 70℃				
	Working humidity	20 ~ 90%RH Non-condensing				

undings	Temperature Coefficient	$\pm 0.05\%/^{\circ}\text{C}$ (0~50 $^{\circ}\text{C}$)
	Vibration resistance	10 ~ 500Hz, 2G 10 Ten minutes / cycle, X, Y, Z axes of 60 minutes
Safety and EMC	Safety specifications	UL60950-1
	Pressure	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25 $^{\circ}\text{C}$ / 70% RH
	size	320*220*130mm(L*W*H)
备注	1. 如未特别说明, 所有规格参数均在输入为230VAC, 额定负载, 25 $^{\circ}\text{C}$ 环境温度下进行量测。 2. 纹波和噪声测量方法: 使用一条12"双绞线, 同时终端要并联0.1 μf 和47 μf 的电容, 在20MHz带宽下进行量测。 3. 精度: 包含设定误差, 线性调整率和负载调整率。	

Organization size

机壳型号 1520B 单位 mm

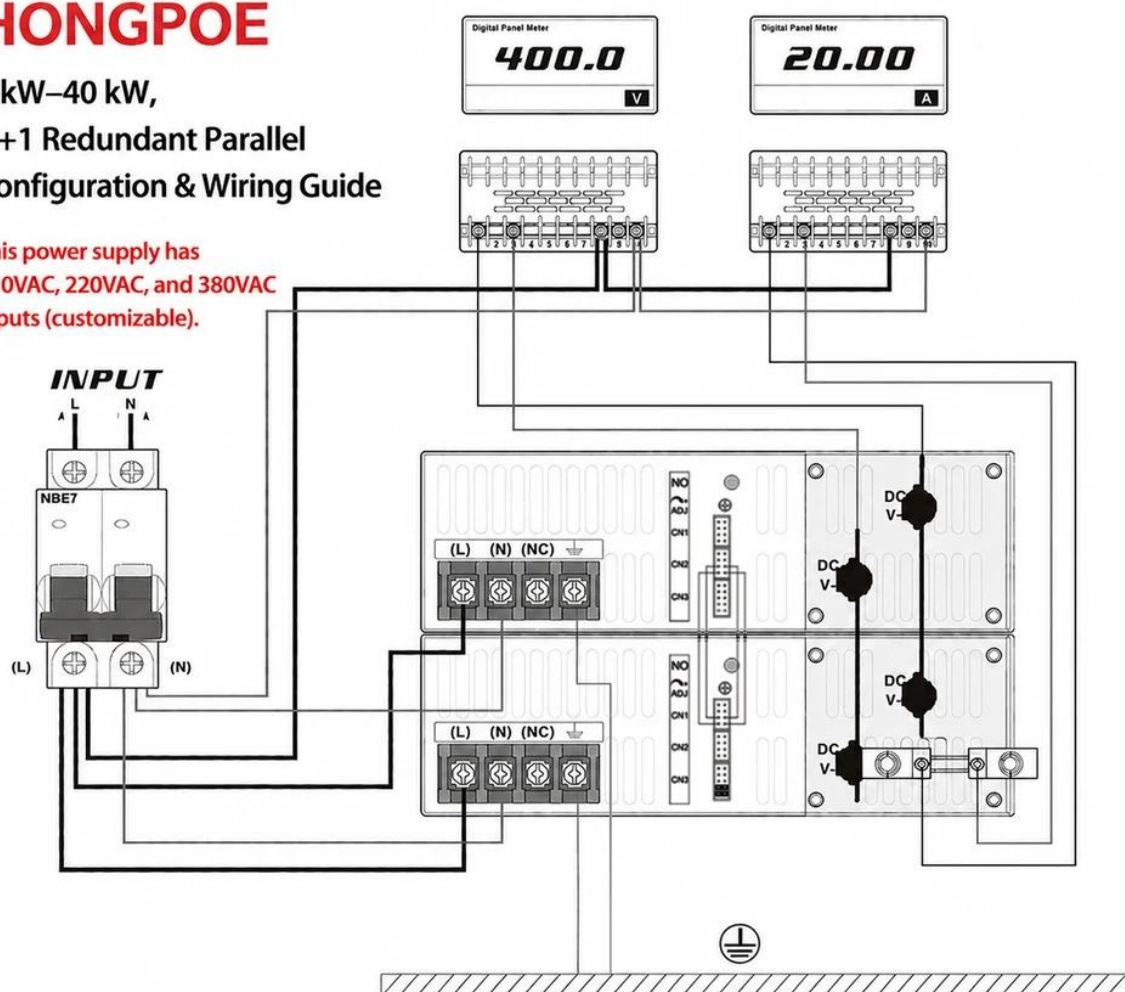
HONGPOE

8 kW–40 kW,

N+1 Redundant Parallel

Configuration & Wiring Guide

This power supply has
110VAC, 220VAC, and 380VAC
inputs (customizable).



HONGPOE

Multi-Signal Control Module (0-5V / 0-10V / PLC / PWM) :

Fully adjustable voltage (0-100%) and current (0-105%) regulation.
Stable output and optimal precision for
your automation equipment.



Control Signal de equipment.

- ✓ 0-5V
- ✓ 0-10V
- ✓ PLC
- ✓ PWM Signal

Black Wire: Negative (-)

Red Wire: Positive (+)

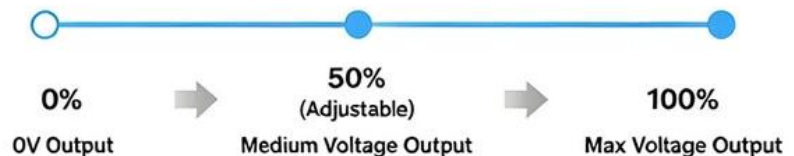


APPLICABLE MODELS:

8000W/9000W/10000W
Above functions apply to all models.

HOW IT WORKS

Adjust control input signal to modify
pour modifier la sortie de tension
output linearly.



High Precision
Stable Output



Multi-Signal
Compatibility



Rejustment
0-100% / 0-105%



Easy Integration
Industrial Quality

HONGPOE 6000W-8000W

V

Overvoltage Protection (OVP)

Protects against excessive voltage to ensure safe operation.

A

Overcurrent Protection (OCP)

Protects against overcurrent to prevent damage.

0-0

Short-circuit Protection (SCP)

Protects against short circuits to enhance safety.

⌋

Overtemperature Protection (OTP)

Protects against overheating to ensure reliable performance.



HONGPOE

Switching Power Supply Manufacturer

HONGPOE

6000W
7000W
8000W



Output Voltage Adjustment:

0–100% Adjustable via
External Potentiometer



Output Current Adjustment:

0–100% Adjustable via
External Potentiometer



Input Voltage Options:

110VAC or 220VAC
(Single Voltage Input Design)

